

In the Claims

Please amend claims 52-54, 56 and 61 as follows:

E1
52. (Currently Amended) The control and monitoring system of claim 48, wherein said second connector comprises a fifteen position D-sub connector and each of said plurality of first connectors comprises a fifteen position D-sub connector.

53. (Currently Amended) The control and monitoring system of claim 48, wherein said second connector comprises a fifteen position DB 15 connector and each of said plurality of first connectors comprises a DB 15 connector.

54. (Currently Amended) The control and monitoring system of claim 48, wherein the plurality of first connectors comprises at most sixteen connectors.

E2
56. (Currently Amended) The system of claim 55 wherein said video driver comprises:

(a) an on screen graphics display circuit, for generating text and graphics for an on screen menu; and

(b) an on screen graphics overlay circuit coupled to said on screen graphics display circuit and said video switch; and

(c) a plurality of first op-amp amplifying circuits coupled to said on screen graphics overlay circuit, one each for each of a plurality of red video signals from said on screen graphics overlay circuit; and

(d) a plurality of second op-amp amplifying circuits coupled to said on screen graphics overlay circuit, one each for each of a plurality of green video signals from said on screen graphics overlay circuit; and

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(e) a plurality of third op-amp amplifying circuits coupled to said on screen graphics overlay circuit, one each for each of a plurality of blue video signals from said on screen graphics overlay circuit; and

(f) a first signal splitting circuit coupled to said video switch, for passing a plurality of vertical sync signals from said programmable logic means; and

(g) a second signal splitting circuit coupled to said video switch means, for passing a plurality of horizontal sync signals from said logic means,

whereby a plurality of video display devices may be sent video signals to drive said plurality of video display devices.

63

61. (Currently Amended) The system of claim 55 wherein said first programmable logic device comprises a Complex Programmable Logic Device; and said second programmable logic device comprises a Complex Programmable Logic Device.